

## DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or the below named inventors are the original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **'METHOD AND APPARATUS FOR ESTIMATING WATER BOTTOM REFLECTION TIME DIFFERENCES'**, the Specification of which:

☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as Application Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim the benefit under Title 35, United States Code, § 120 and/or § 365 of any United States application(s) and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations, § 1.56, which becomes available between the filing date of the prior application and the national or PCT international filing date of this application:

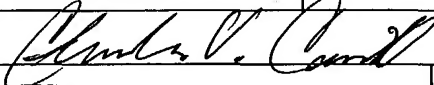
### PRIORITY APPLICATION(S)

Priority  
Claimed

| (Number) | (Country) | (Date Filed) | Yes/No |
|----------|-----------|--------------|--------|
|----------|-----------|--------------|--------|

I hereby direct that all correspondence and telephone calls be addressed to Mark W. Sincell, Williams, Morgan & Amerson, P.C., 10333 Richmond, Suite 1100, Houston, Texas 77042, (713) 934-4052.

I HEREBY DECLARE THAT ALL STATEMENTS MADE OF MY OWN KNOWLEDGE ARE TRUE AND THAT ALL STATEMENTS MADE ON INFORMATION AND BELIEF ARE BELIEVED TO BE TRUE; AND FURTHER THAT THESE STATEMENTS WERE MADE WITH THE KNOWLEDGE THAT WILLFUL FALSE STATEMENTS AND THE LIKE SO MADE ARE PUNISHABLE BY FINE OR IMPRISONMENT, OR BOTH, UNDER SECTION 1001 OF TITLE 18 OF THE UNITED STATES CODE AND THAT SUCH WILLFUL FALSE STATEMENTS MAY JEOPARDIZE THE VALIDITY OF THE APPLICATION OR ANY PATENT ISSUED THEREON.

|  |   |       |               |
|--|---|-------|---------------|
| Inventor's Full Name:  | CHARLES   | Y     | CARVILL       |
| Inventor's Signature:  |  |       |               |
| Country of Citizenship:  | USA   | Date: | June 26, 2003 |
| Mailing Address: (street, number, city, state, and/or country) | 20303 Brondesbury Drive<br>Katy, Texas 77450                                      |       |               |
| Post Office Address: (if different from above)                 | same  |       |               |

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
CHARLES V. CARVILL

Serial No.: Unknown

Filed: Concurrently Herewith

For: METHOD AND APPARATUS FOR  
ESTIMATING WATER BOTTOM  
REFLECTION TIME DIFFERENCES

Group Art Unit: Unknown

Examiner: Unknown

Atty. Dkt. No.: 2086.002900  
(594-25594-PCT-US)

**POWER OF ATTORNEY**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, being the inventors named in the above-identified application, hereby revokes any previous Powers of Attorney and appoints:

Davis S. Figatner, Reg. No. 44,106 and Douglas Y'Barbo, Reg. No. 42,239 of WesternGeco; and

Danny L. Williams, Reg. No. 31,892; Terry D. Morgan, Reg. No. 31,181; J. Mike Amerson, Reg. No. 35,426; Kenneth D. Goodman, Reg. No. 30,460; Jeffrey A. Pyle, Reg. No. 34,904; Jaison C. John, Reg. No. 50,737; Ruben S. Bains, Reg. No. 46,532; Scott F. Diring, Reg. No. 35,119; Shelley P.M. Fussey, Reg. No. 39,458; Mark D. Moore, Reg. No. 42,903; Raymund F. Eich, Reg. No. 42,508; Daren C. Davis, Reg. No. 38,425; Stephanie A. Wardwell, Reg. No. 48,025; and Mark W. Sincell, Reg. No. 52,226;

each an attorney or agent with the law firm of WILLIAMS, MORGAN & AMERSON, P.C., as its attorney or agent so long as they remain with such law firm, with full power of substitution and revocation, to prosecute the application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any Letters Patent, and for one year after issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Please direct all communications as follows:

Mark W. Sincell  
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Houston, Texas 77042  
(713) 934-4052

Signature: \_\_\_\_\_

Name: CHARLES V. CARVILL

Date: \_\_\_\_\_

June 26, 2003